

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number  
WO 03/062770 A1

(51) International Patent Classification?: G01H 1/00,  
C07C 3/00, G01M 13/00

(21) International Application Number: PCT/SE03/00083

(22) International Filing Date: 20 January 2003 (20.01.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0200147-7 18 January 2002 (18.01.2002) SE  
0200215-2 25 January 2002 (25.01.2002) SE  
60/384,118 31 May 2002 (31.05.2002) US

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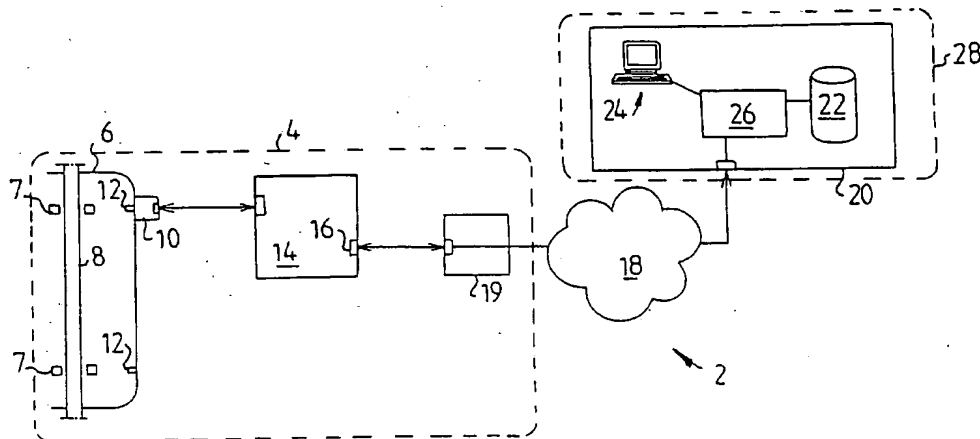
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,  
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,  
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SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,  
VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),  
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,  
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI,  
SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: AN ANALYSIS SYSTEM FOR ANALYSING THE CONDITION OF A MACHINE



(57) Abstract: A system for analysing the condition of a machine having a rotating shaft (8) and a measuring point (12); the system comprising a client part connectable to a communications network (18) for communication with a supplier part (20); said client part comprising: at least one sensor (10) attachable on or at said measuring point (12) for generating said measurement data dependent on rotation of said shaft; an analysis apparatus (14) for analysing the condition of the machine on the basis of said measurement data; said analysis apparatus (14) having a data processing means for processing condition data dependent on said measurement data; said data processing means comprising means for performing a plurality of condition monitoring functions (F1, F2, Fn); and a logger for registering use of at least one of said condition monitoring functions (F1, F2, Fn); a communication port (16) coupled to said data processing means and connectable to said communications network (18) for communication with said supplier part computer (20); user input/output interface (102, 106, 103, 182) coupled to said data processing means for enabling user interaction; means (50, 60, 70, 80, 132) for generating a request for an amount of usage of at least one of said condition monitoring functions (F1, F2, Fn).

WO 03/062770 A1



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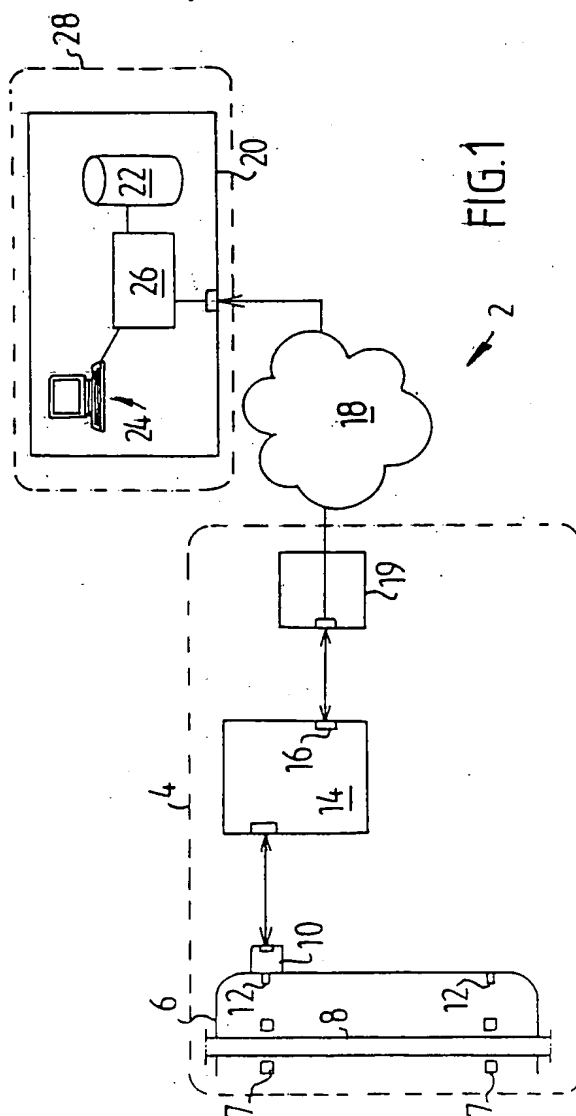


FIG. 1

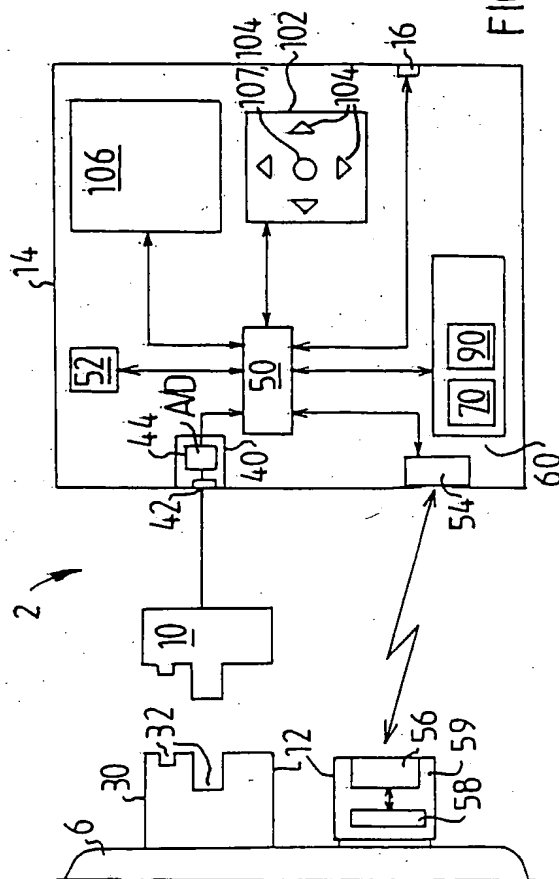


FIG. 2

2 / 15

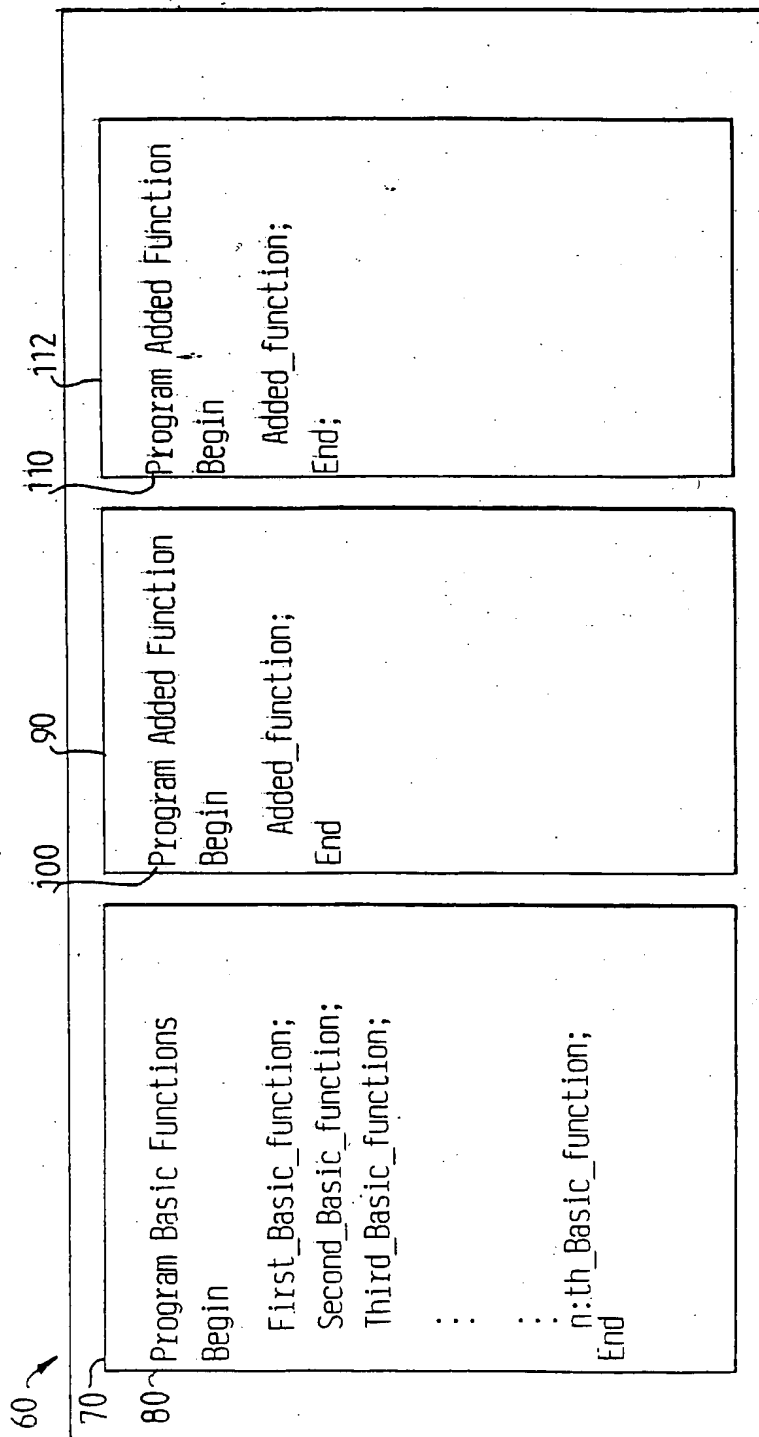


FIG.3

3 / 15

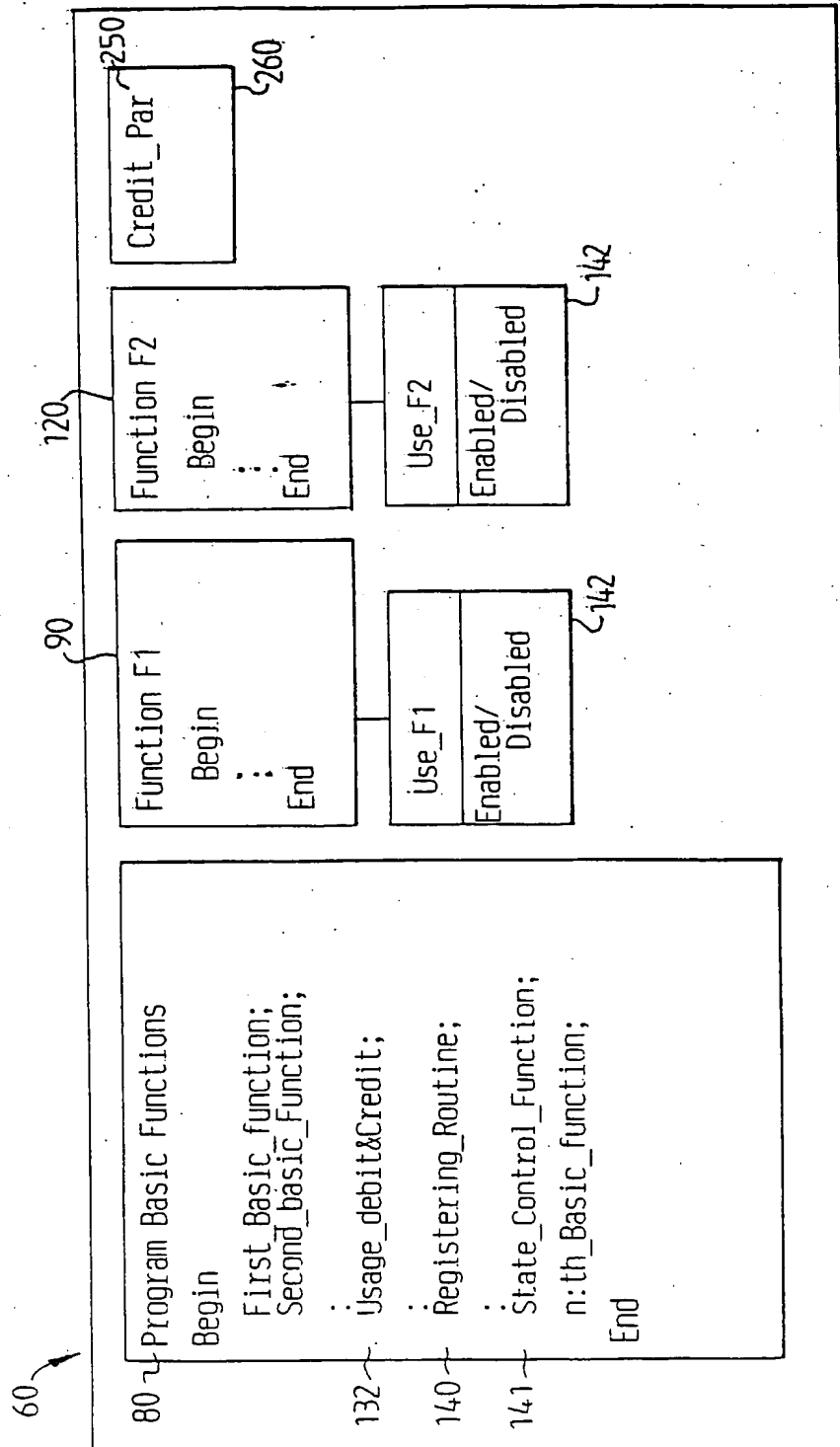
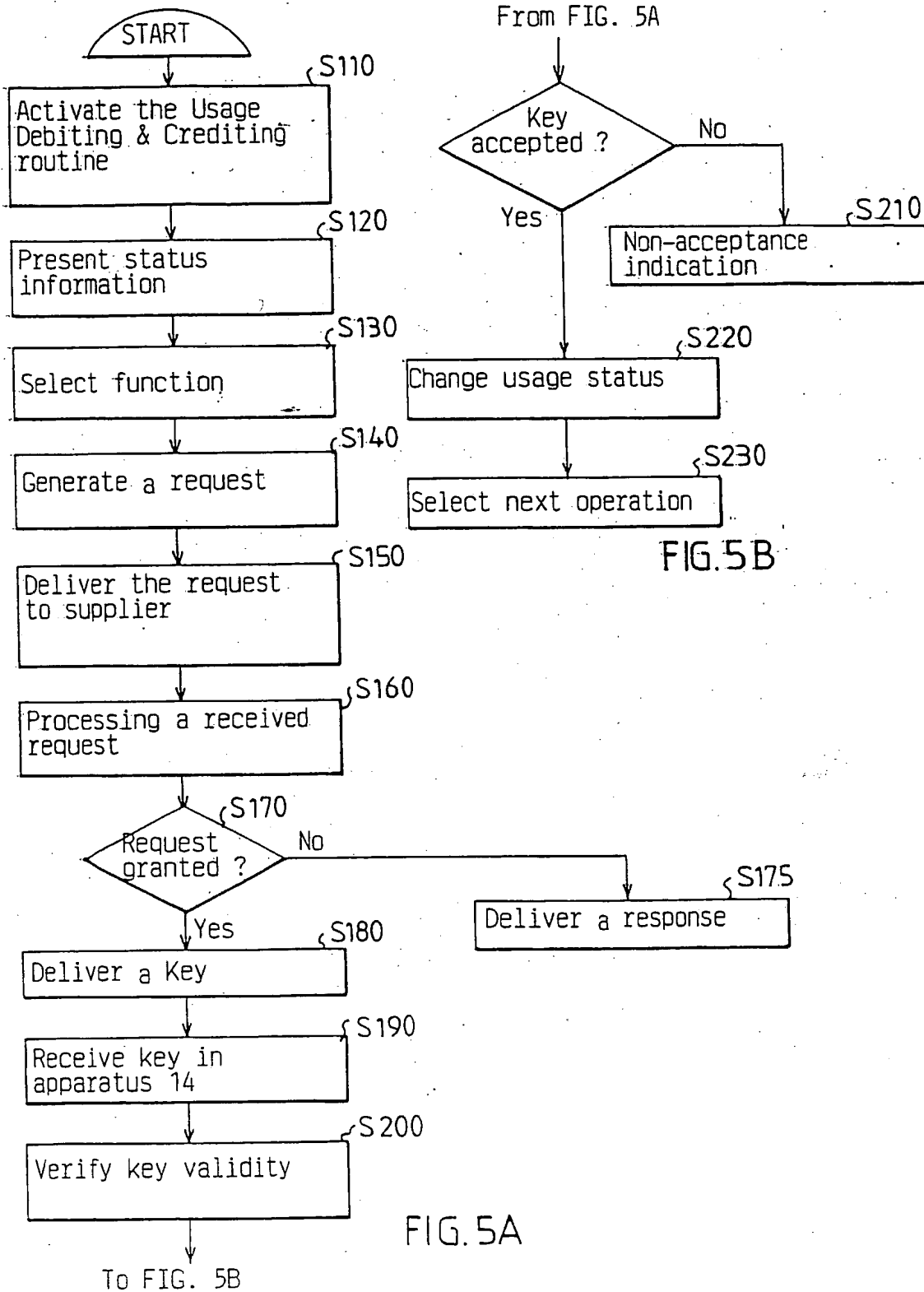
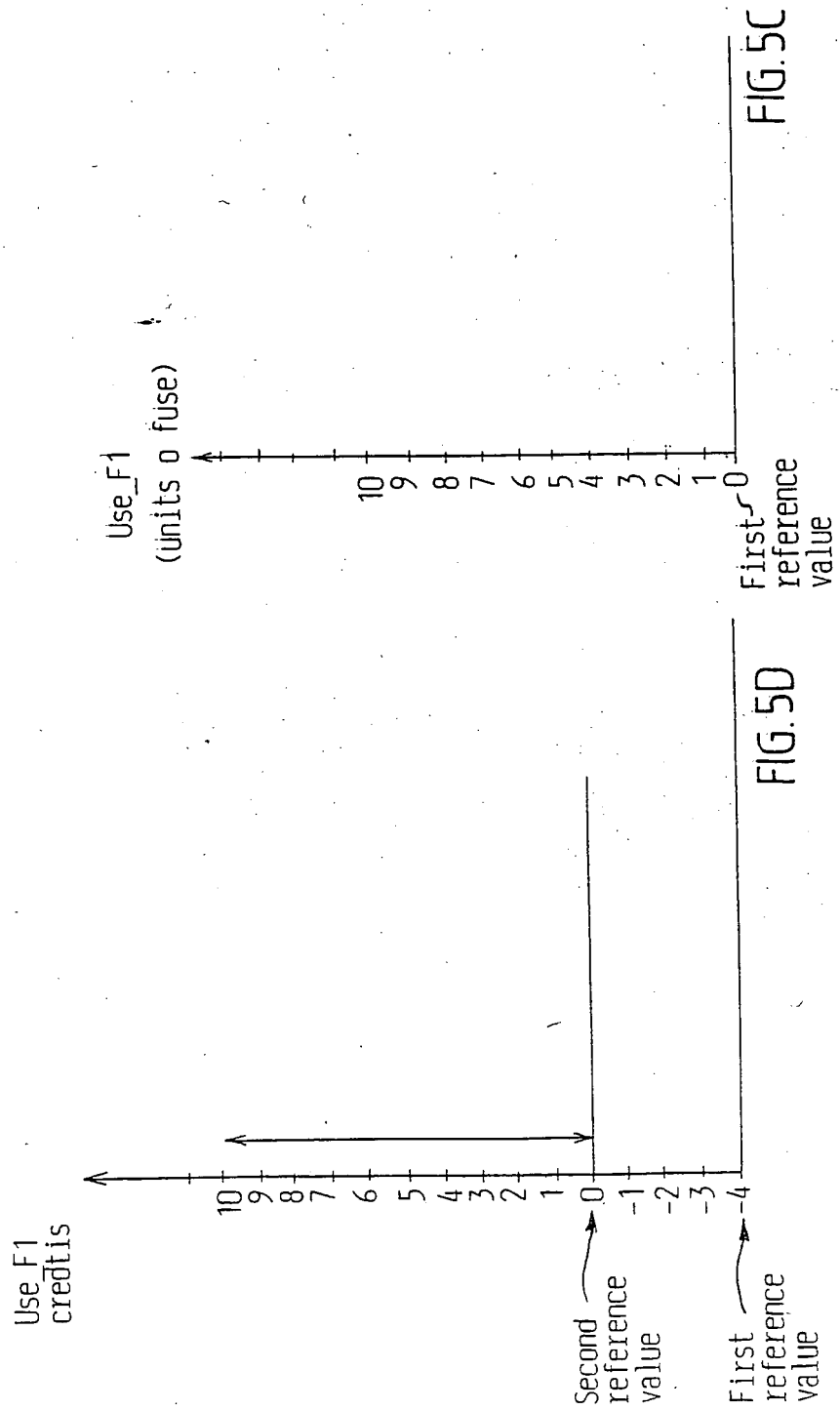


FIG. 4

4 / 15



5 / 15



6 / 15

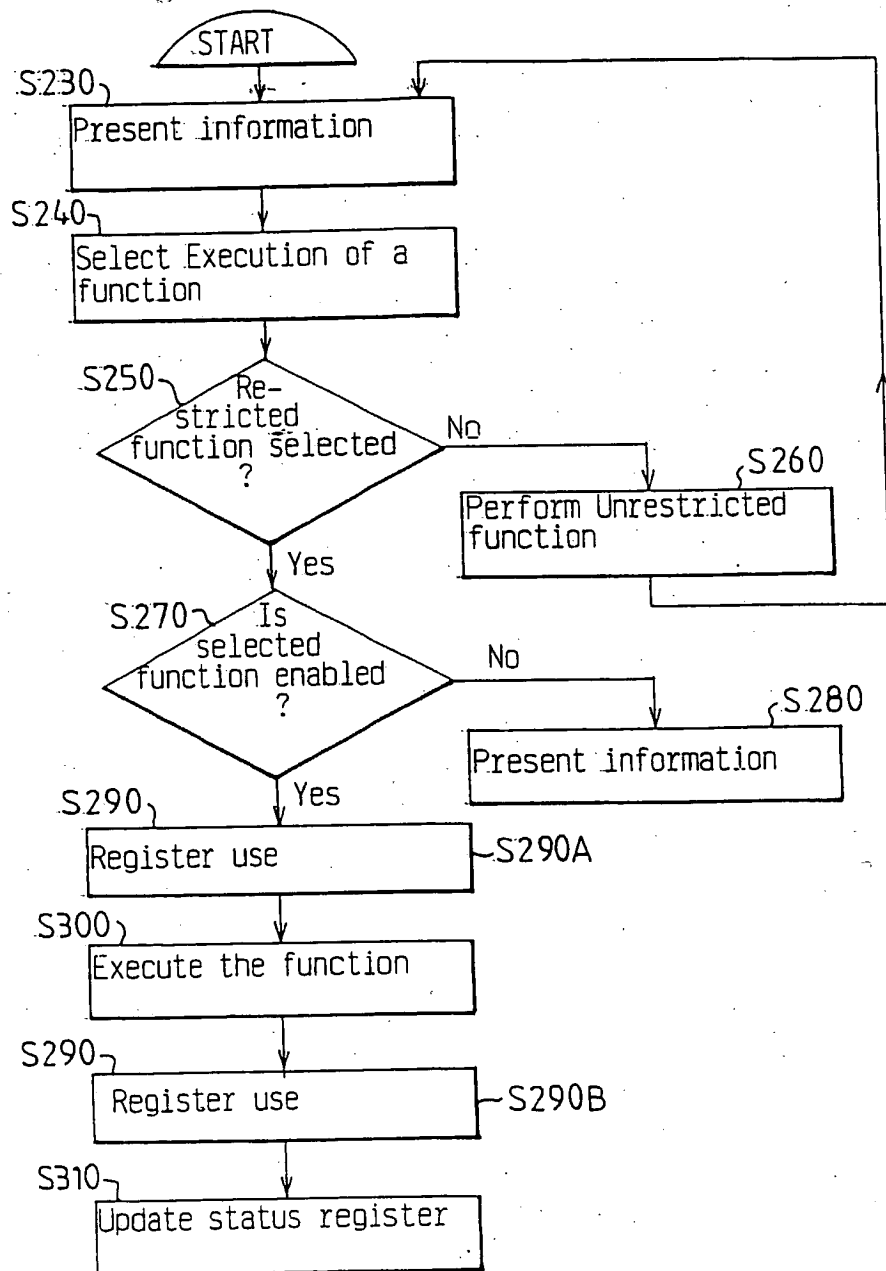
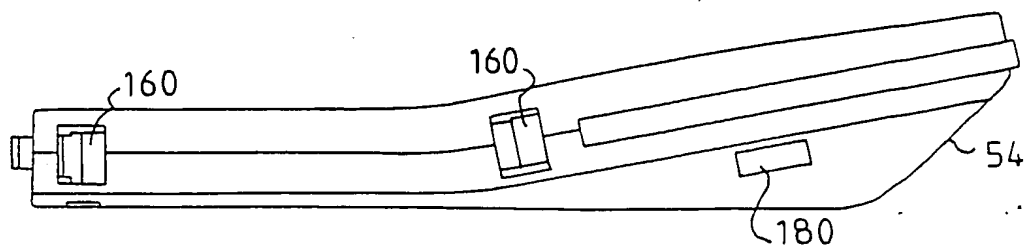
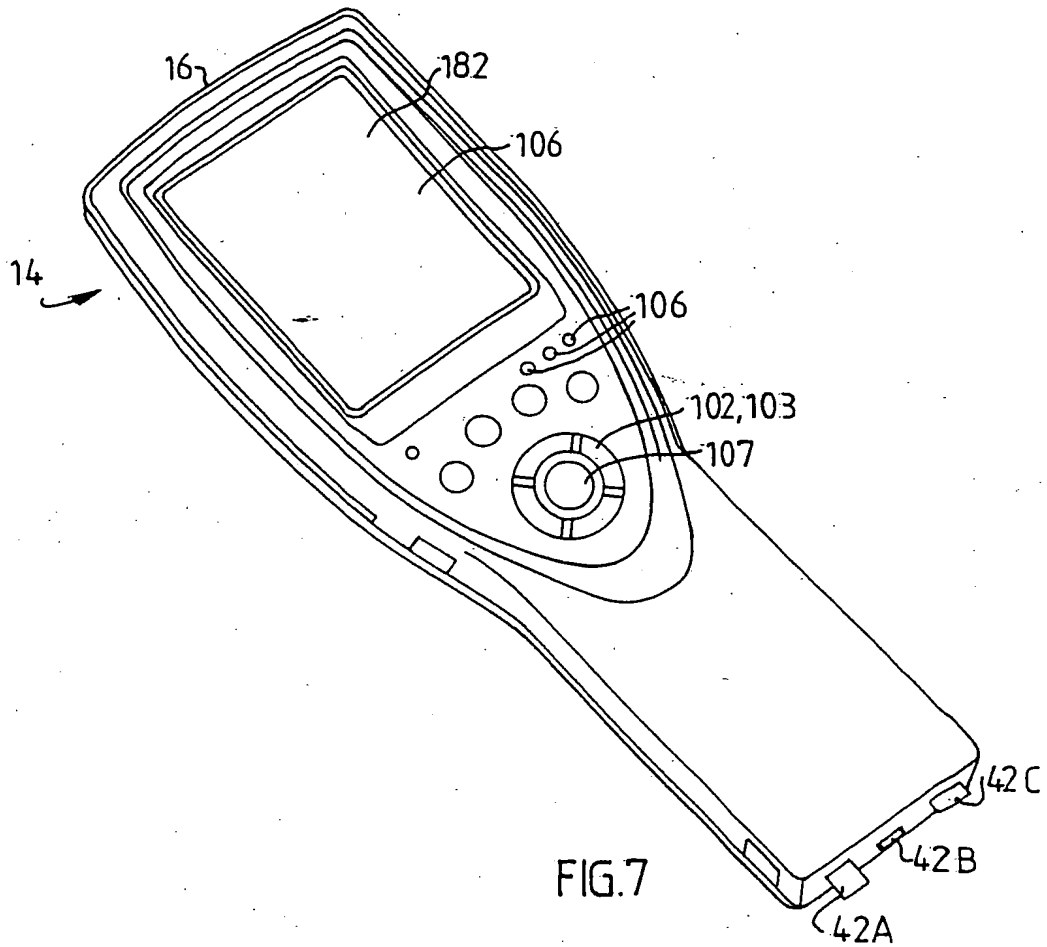


FIG.6



7/15



8 / 15

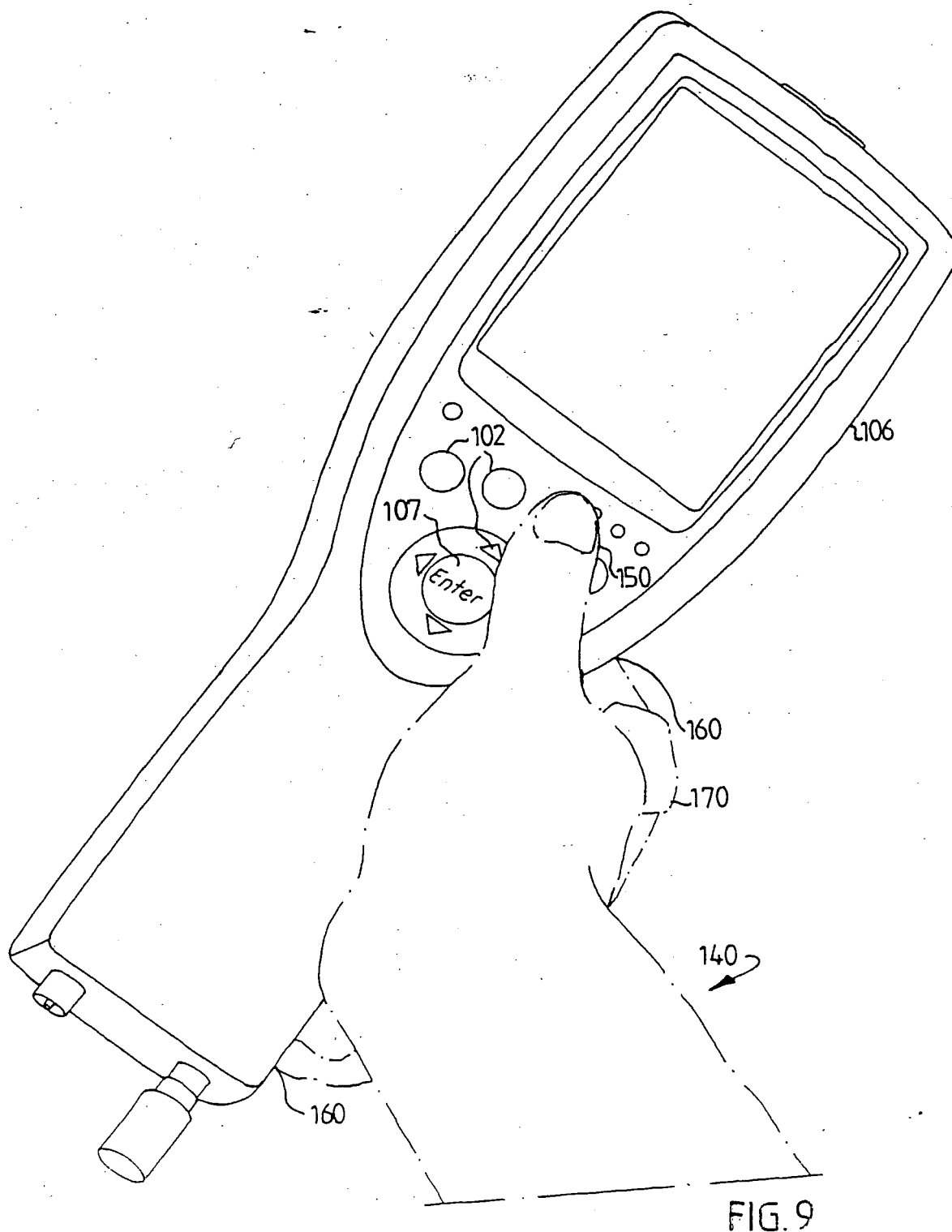


FIG. 9

9 / 15

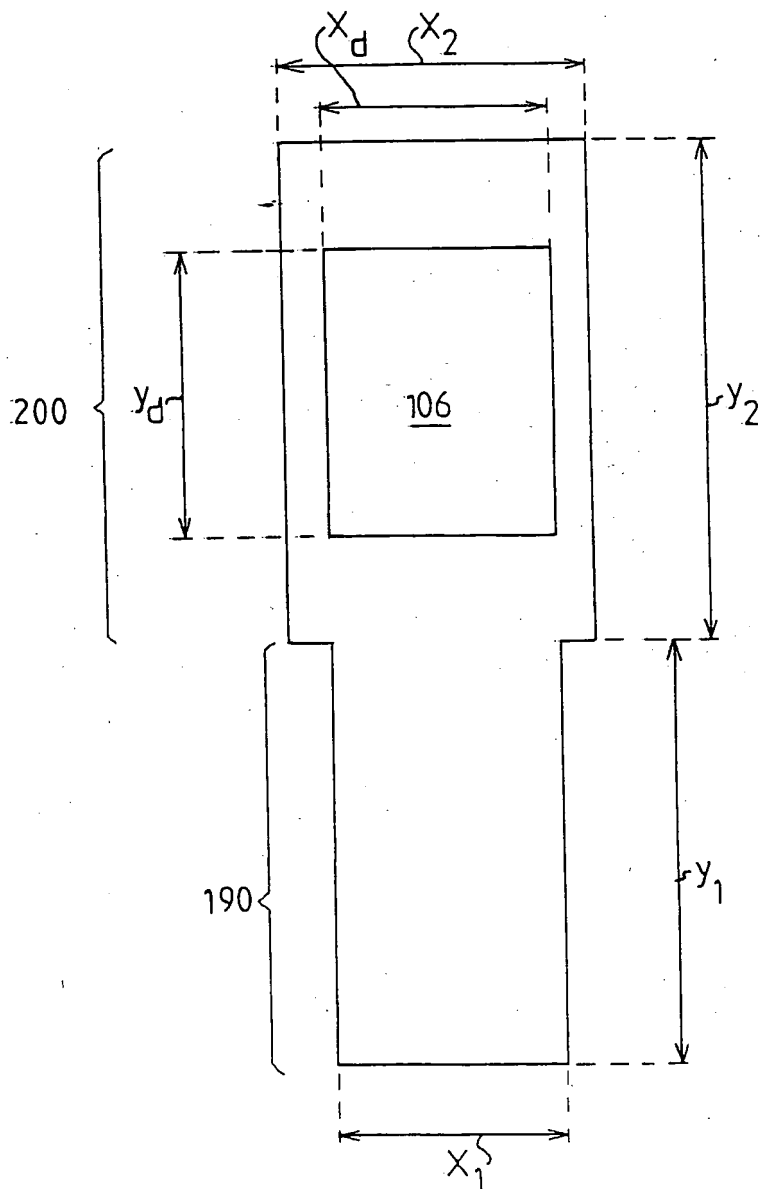


FIG. 10

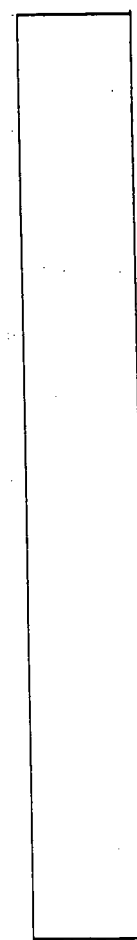


FIG. 11

10 / 15

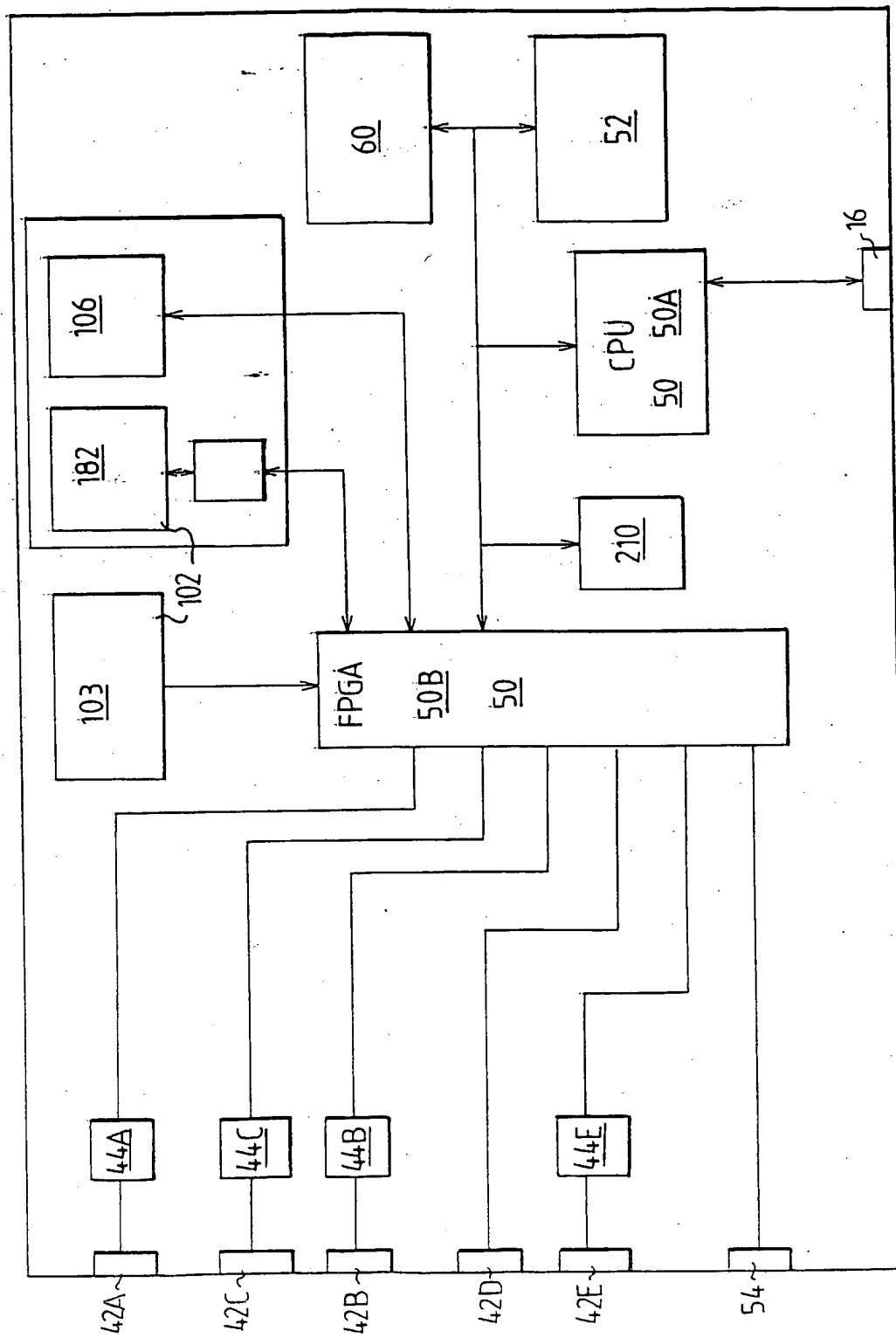


FIG. 12

14

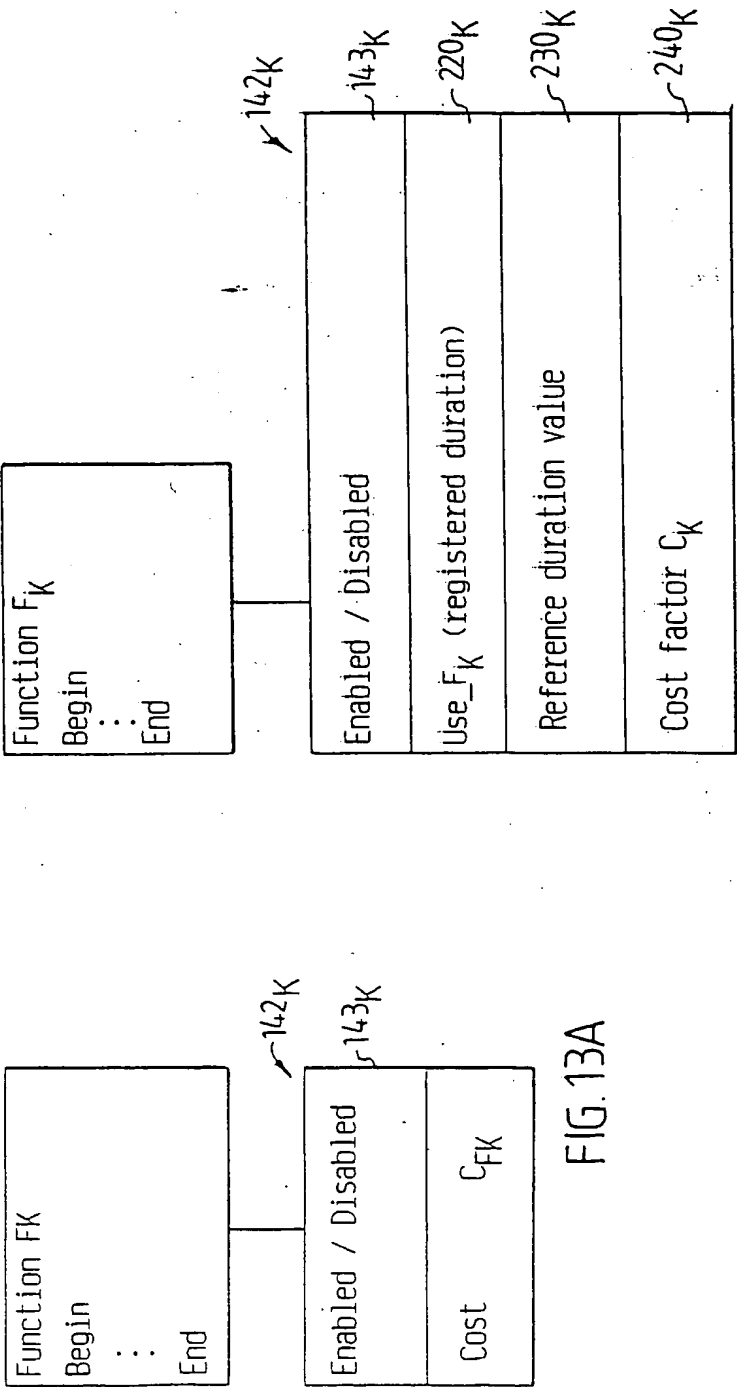


FIG.13B

FIG. 13A

12 / 15

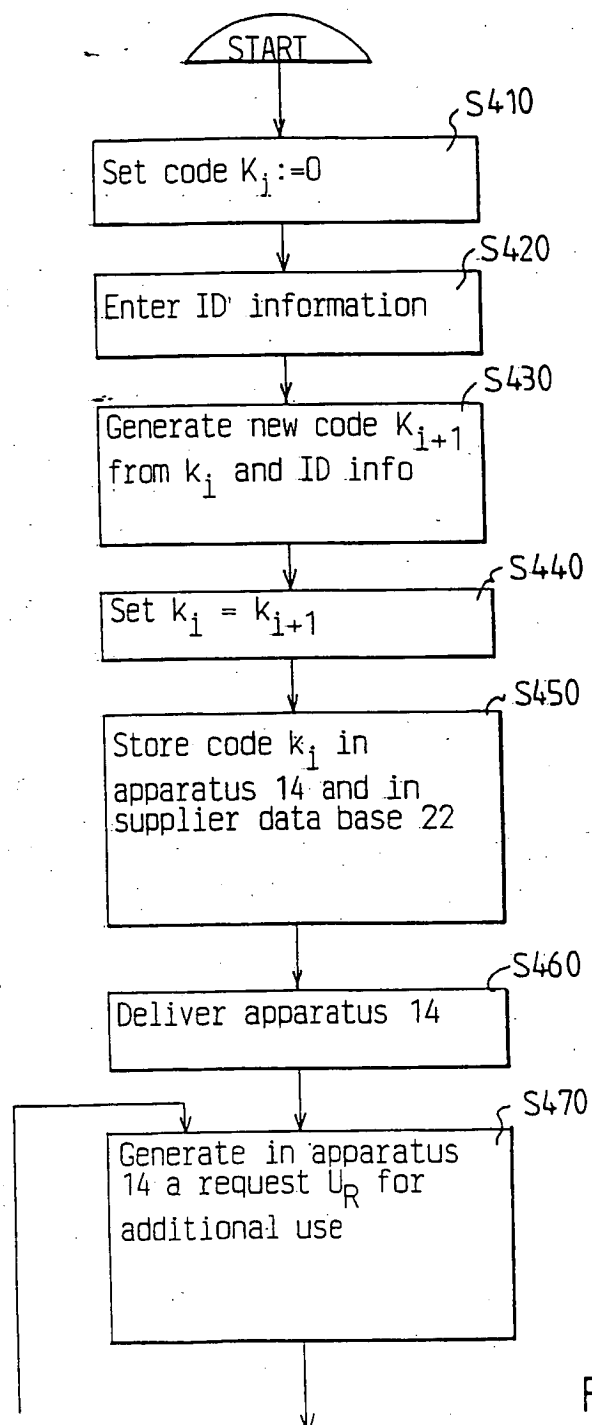


FIG. 14A

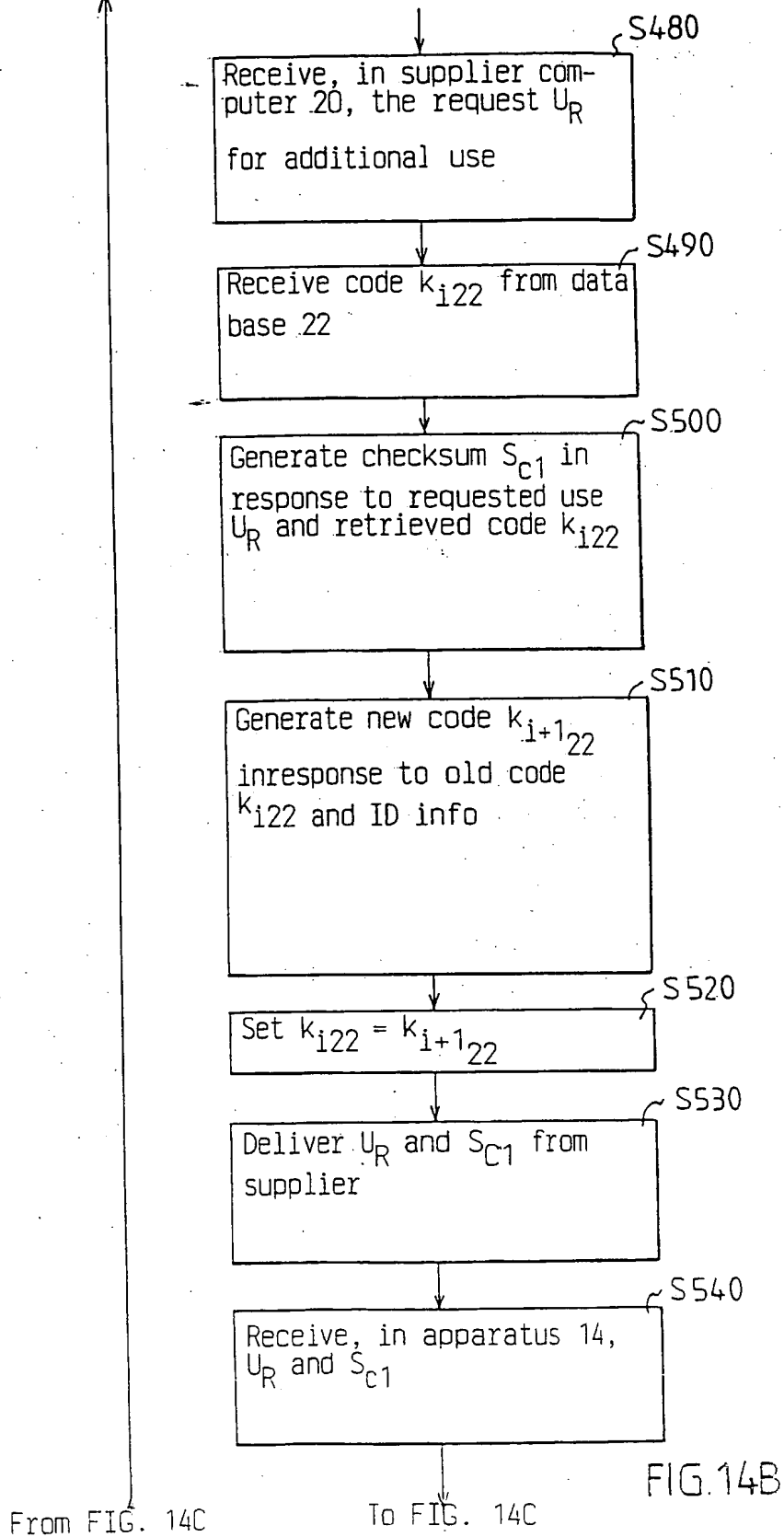
From FIG. 14B

To FIG. 14B

13/15

To FIG. 14A

From FIG. 14A



14 / 15

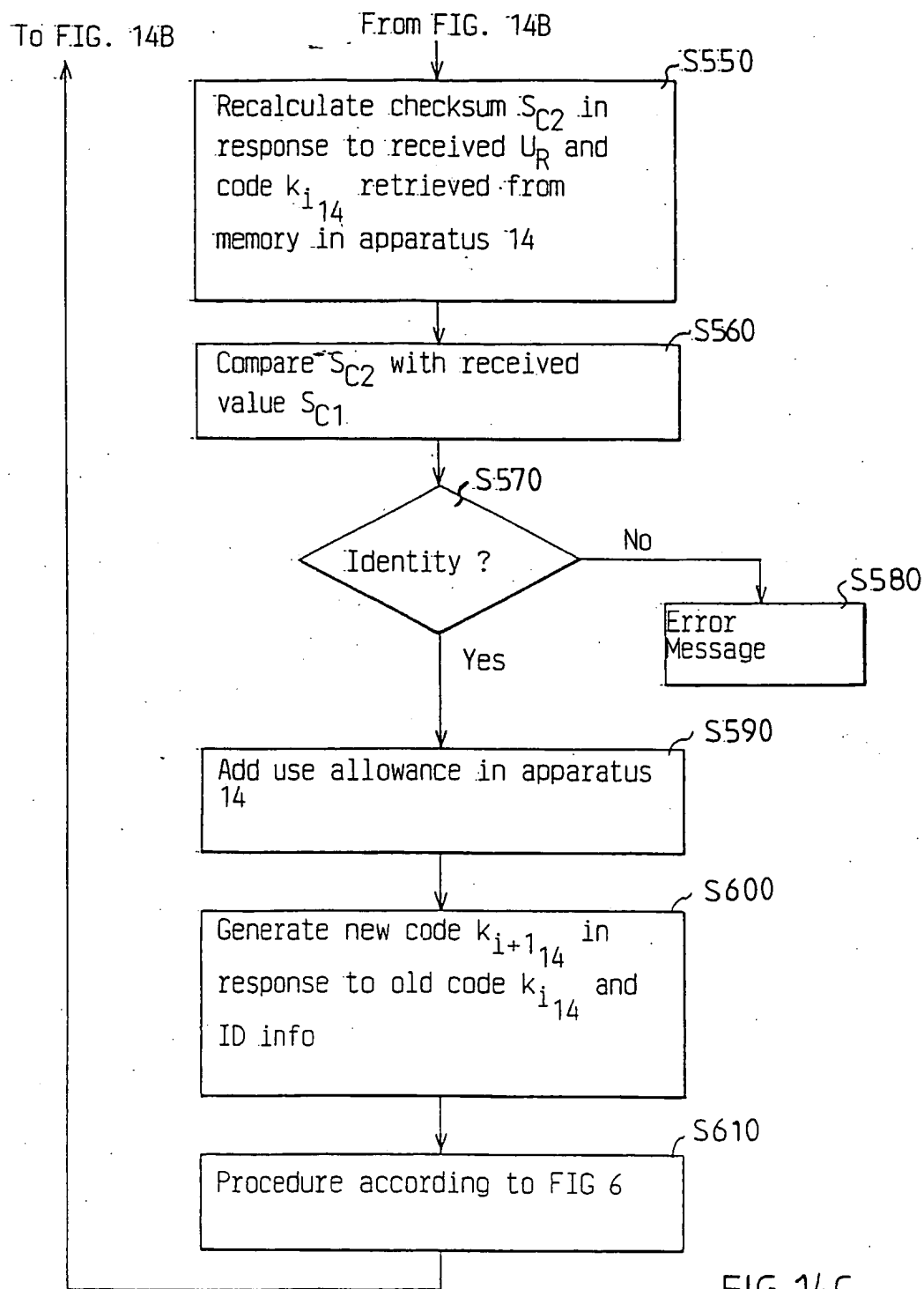


FIG. 14C



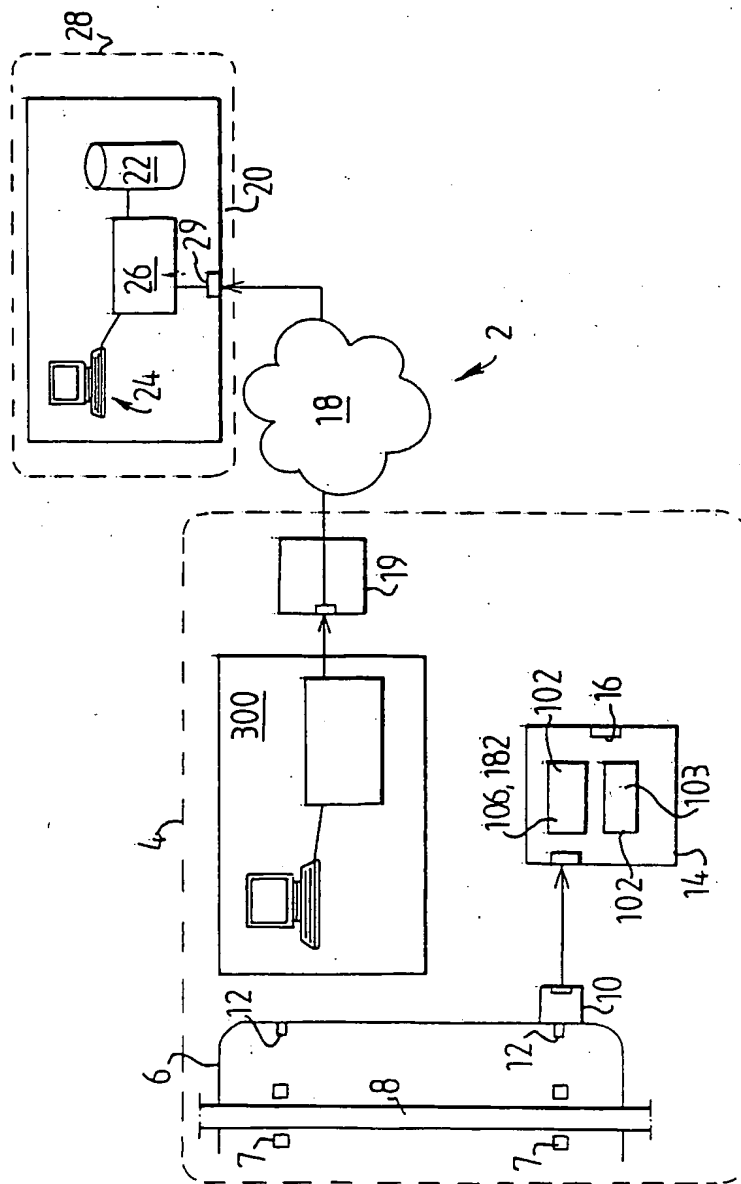


FIG. 15

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 000083

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G01H 1/00, G07C 3/00, G01M 13/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: G01H, G07C, G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol.199, no. 609 30 September 1996 (1996-09-30) & JP 08 123868 A (DENSEI KK), 17 May 1996 (1996-05-17) abstract	1-38
A	US 6078874 A (PIETY ET AL), 20 June 2000 (20.06.00), abstract	1-38
A	EP 0905601 A1 (TLV COMPANY LIMITED), 31 March 1999 (31.03.99), abstract	1-38

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Date of the actual completion of the international search

24 April 2003

Date of mailing of the international search report

28-04-2003

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## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/SE 98/00083

## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9801831 A1 (SPM INSTRUMENT AB), 15 January 1998 (15.01.98), abstract  -----	1-38

## INTERNATIONAL SEARCH REPORT

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29/03/03

International application No.

PCT/SE 03/00083

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